

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number
WO 2005/043026 A1

(51) International Patent Classification⁷: **F16L 25/00**

(21) International Application Number:
PCT/CA2004/001904

(22) International Filing Date:
1 November 2004 (01.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/516,297 3 November 2003 (03.11.2003) US
60/516,728 4 November 2003 (04.11.2003) US
60/609,269 14 September 2004 (14.09.2004) US

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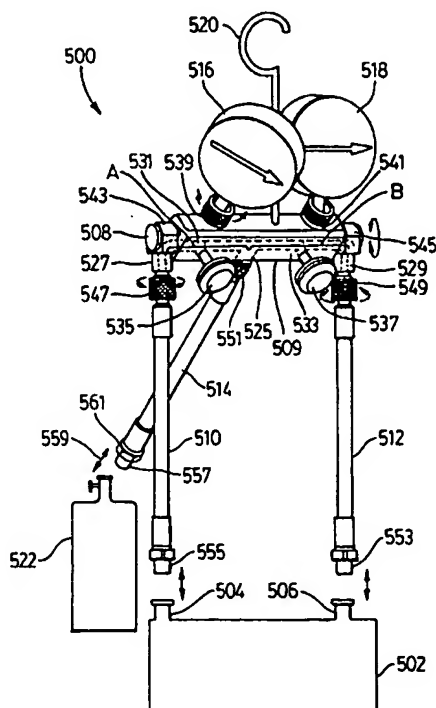
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

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(54) Title: **SWIVEL ASSEMBLIES FOR CONDUITS CARRYING PRESSURIZED FLUIDS TO OR FROM AIR CONDITIONING OR REFRIGERATION SYSTEMS**



(57) Abstract: A conduit for use in association with an air conditioning or refrigeration system. Conduit has first and second conduit portions, and swivel providing fluid communication between first and second conduit portions. Swivel permits rotational movement of the first conduit portion relative to the second conduit portion. Swivel is constrained to prevent linear movement between the first and second portions at the swivel. Conduit also has a fitting for external connection of the conduit to a pressure port of air conditioning or refrigeration system, fitting for fluid communication with the first and second conduit portions. The conduit provides sealed fluid communication from first conduit portion, swivel and second conduit portion to air conditioning or refrigeration system when fitting is connected to air conditioning or refrigeration system. There are also conduit adapters, injection hose assemblies, and charging manifolds with swivels, and methods of utilizing such conduits and swivels.



TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

Published:

- with international search report
- with amended claims

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Date of publication of the amended claims: 23 June 2005

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